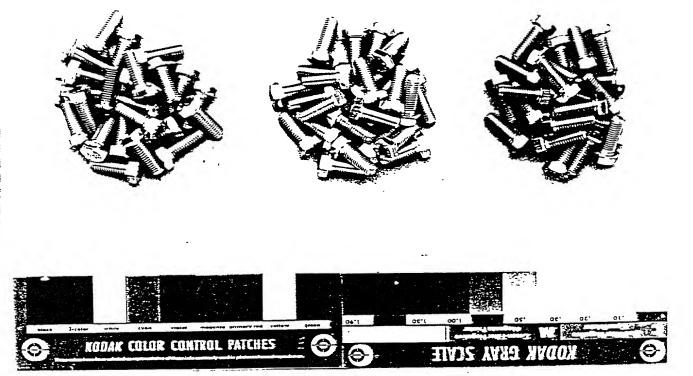
roerza zaza

Fig. 1

Color comparison of various passive layers



Substrate: Zinc-plated screws

Blue chromation:

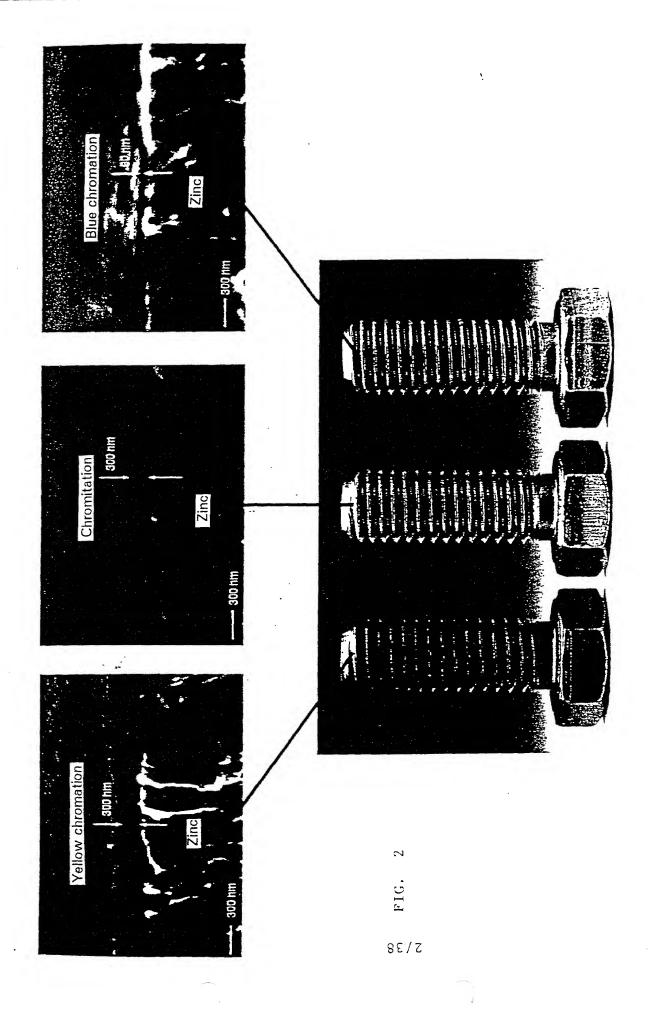
Left picture half

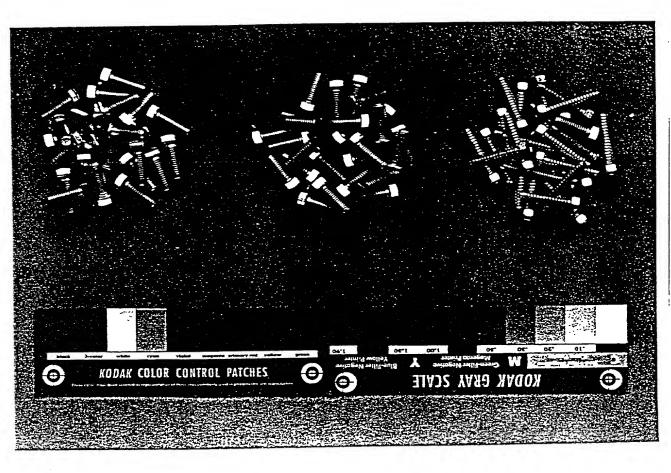
Invention:

Center

Yellow chromation:

Right picture half





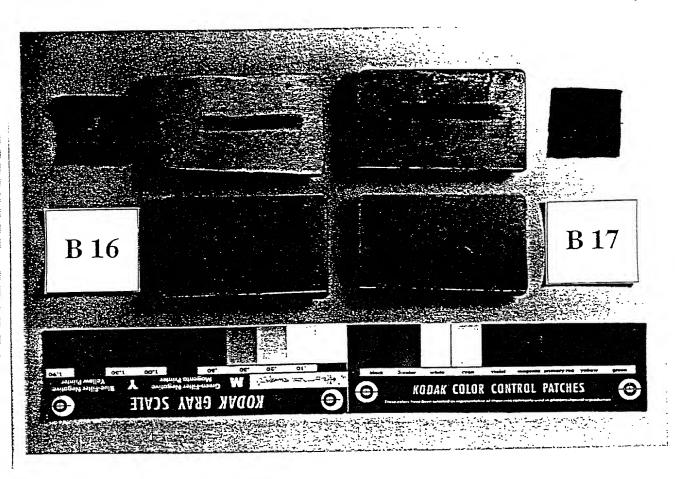
IOGIFES IN INTINI

Fig. 4

Comparison test with EP 0 034 040

Example 16

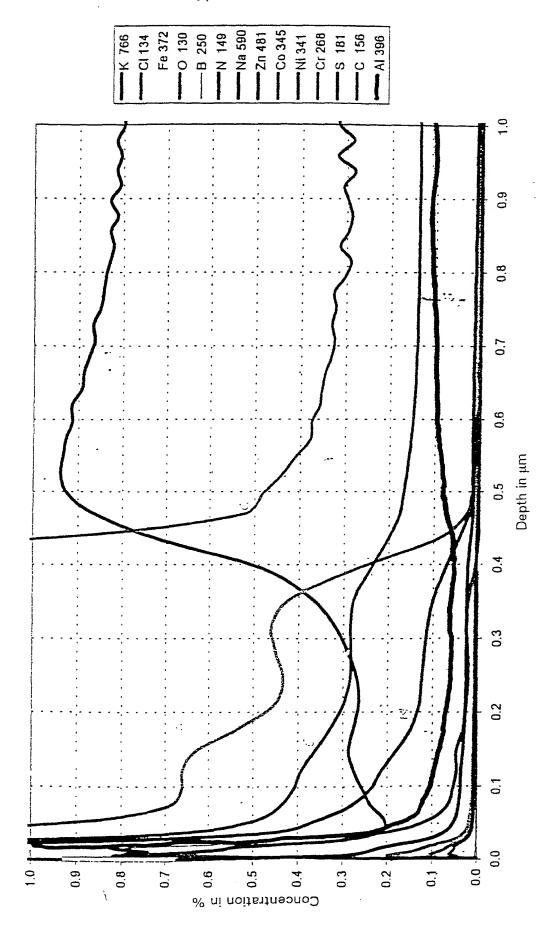
Example 17



The upper picture half, one the outer left and right, shows a black cloth whereby the abrasions on the metal sheets shown in the top picture half were obtained. Layer portions - discernible as whitish stains - are on both pieces of cloth. The lower picture half shows the unmarred layers of the prior art.

Substrate: Zinc-plated steel sheet.

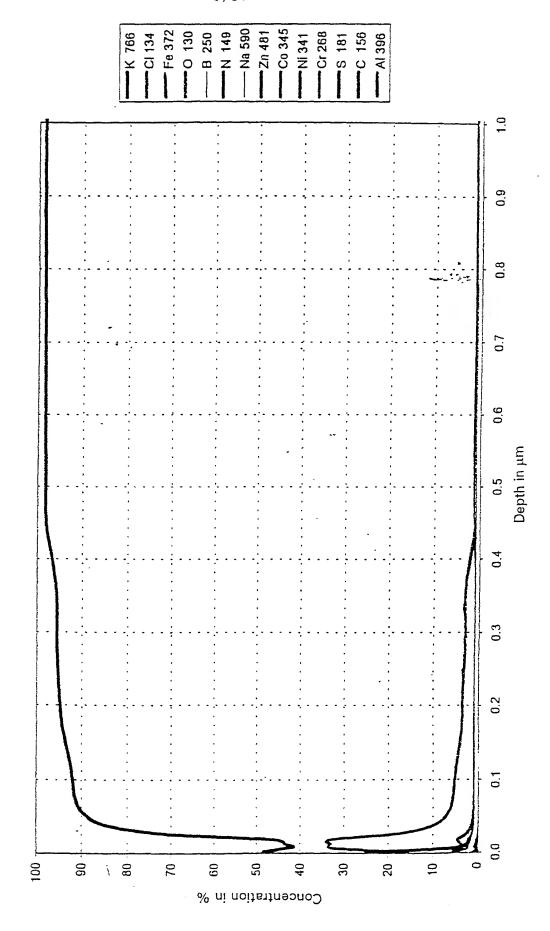
Pattern 1, Measurement Position A



F1G.

2

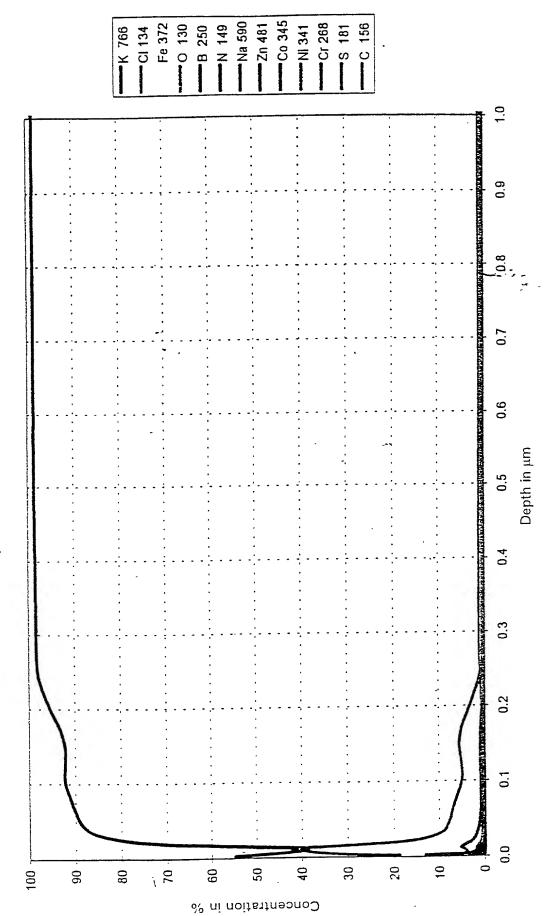
T ជា Diagram 2 E ចំណុំបាត់បា Pattern 1, Measurement Position A



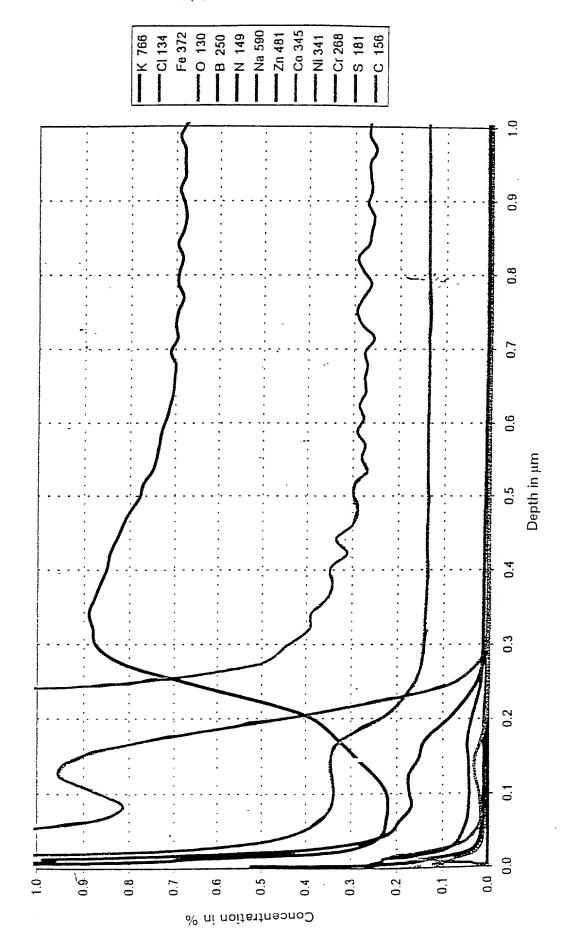
F16.

Diagram 1

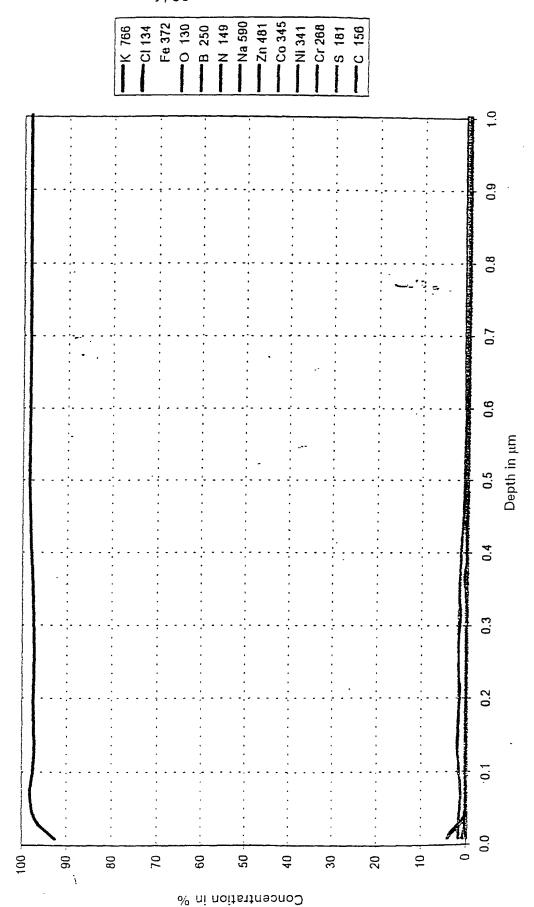
Sample 1, Measurement Position B



Sample 1, Measurement Position B



Sample 2, Measurement Position A



Sample 2, Measurement Position A

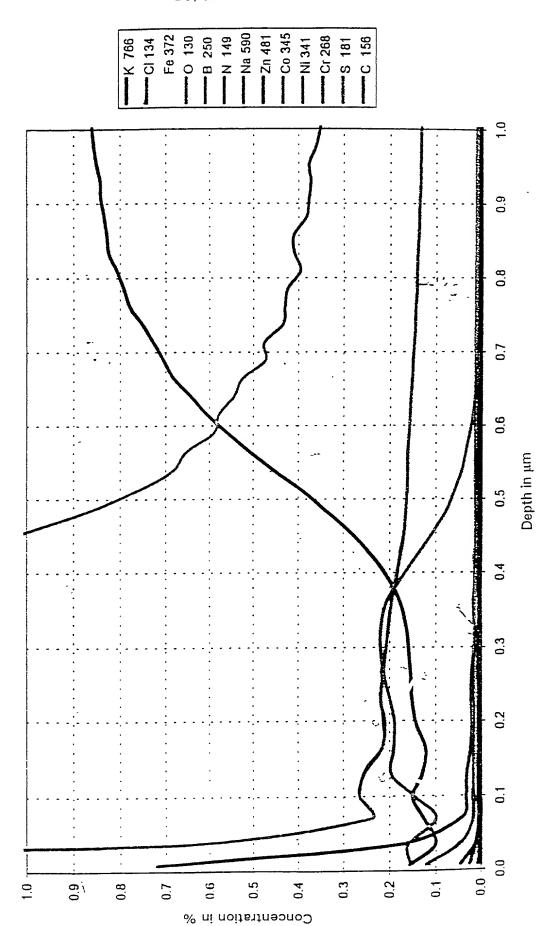
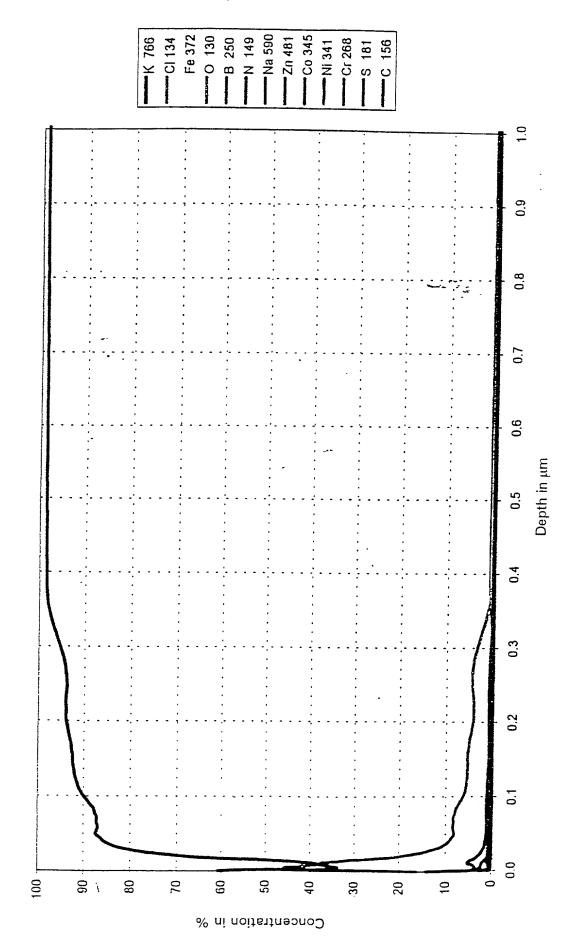


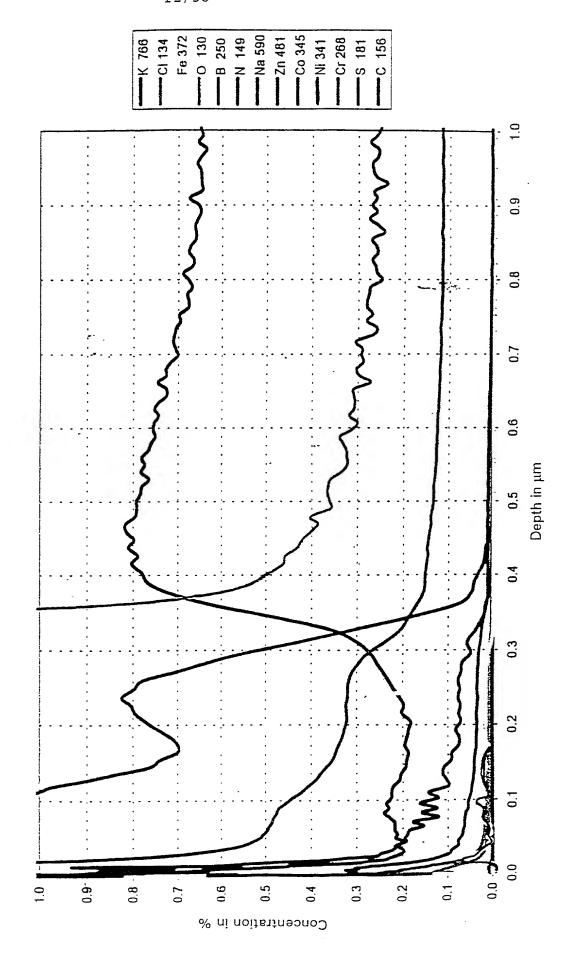
FIG.

Diagram 1

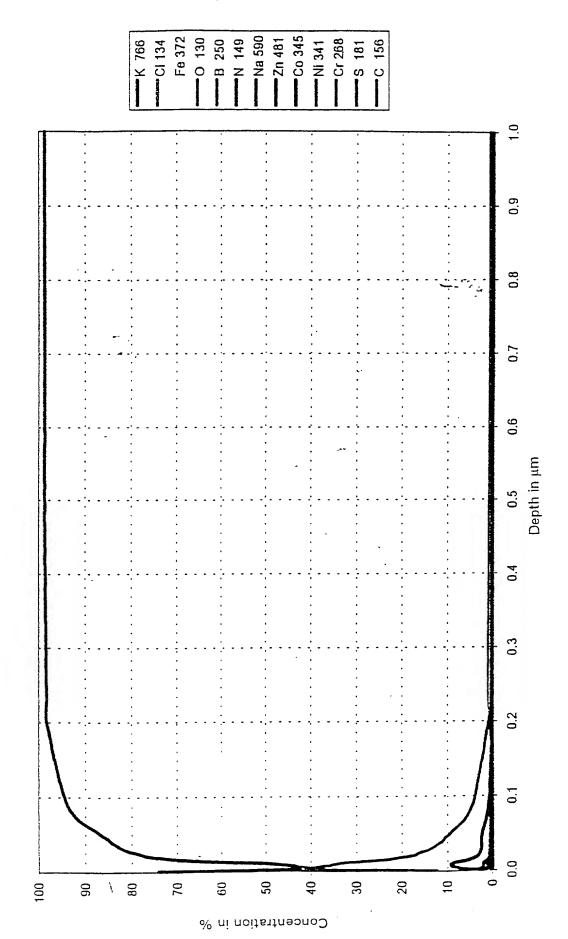
Sample 2, Measurement Position B



Sample 2, Measurement Position B



F1C.



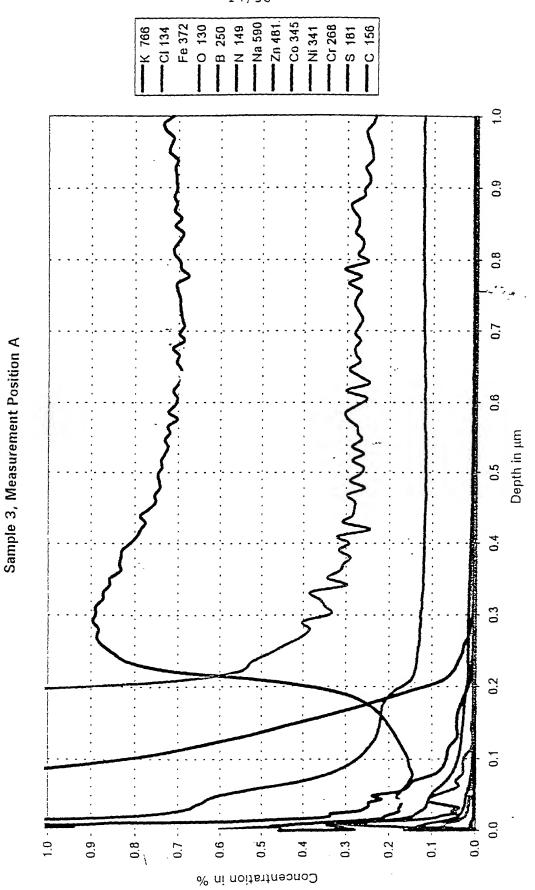
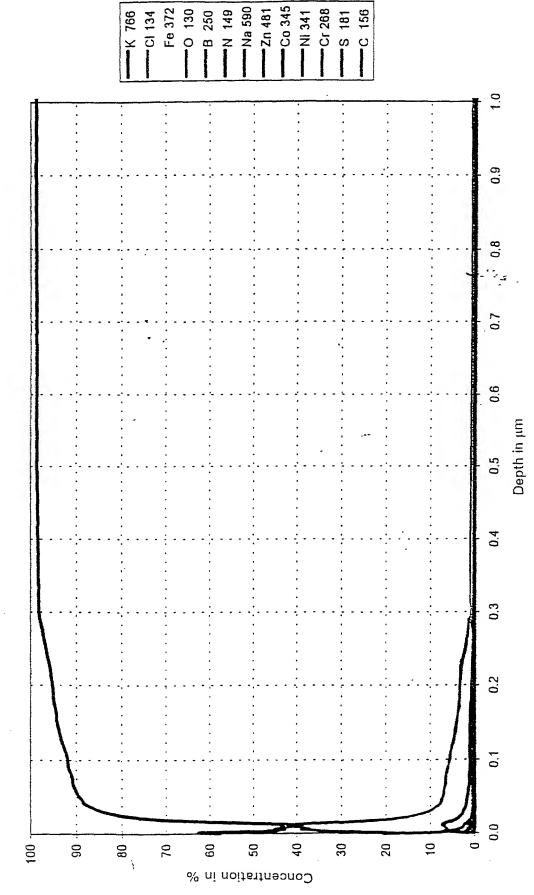


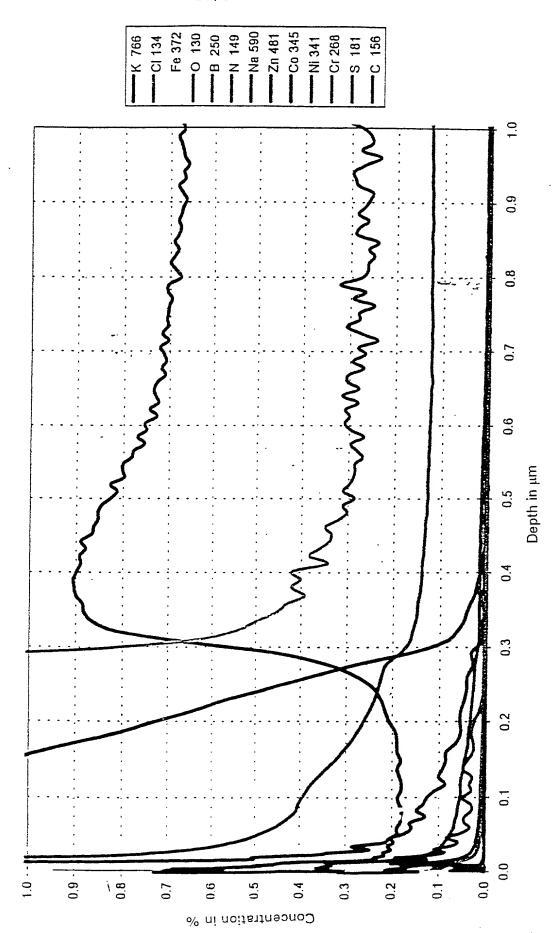
Diagram 2

F1C.

Sample 4, Measurement Position A

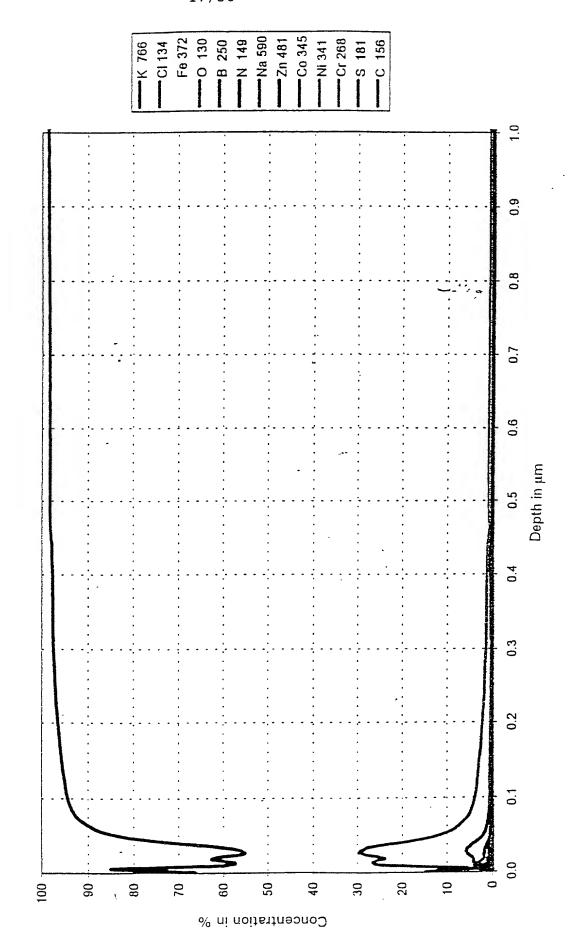


Sample 4, Measurement Position A



Full First F

Sample 5, Measurement Position A



F. C.

Sample 5, Measurement Position A

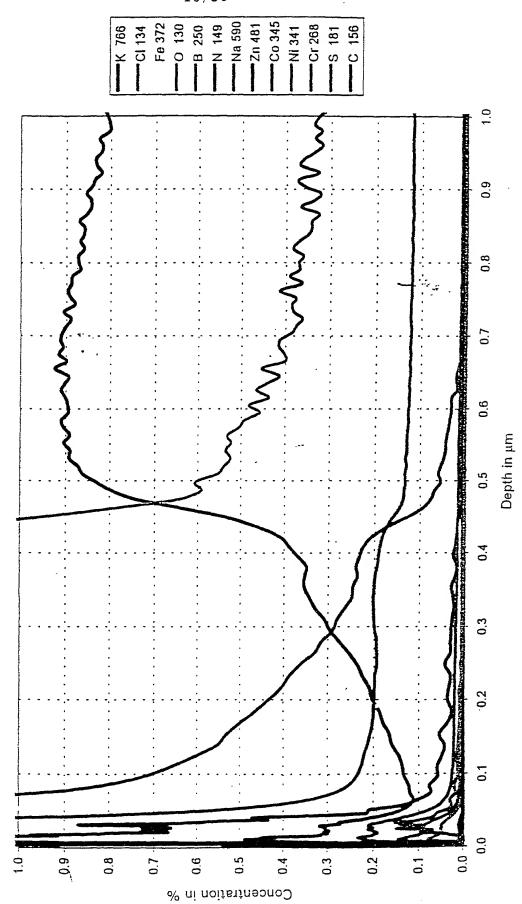
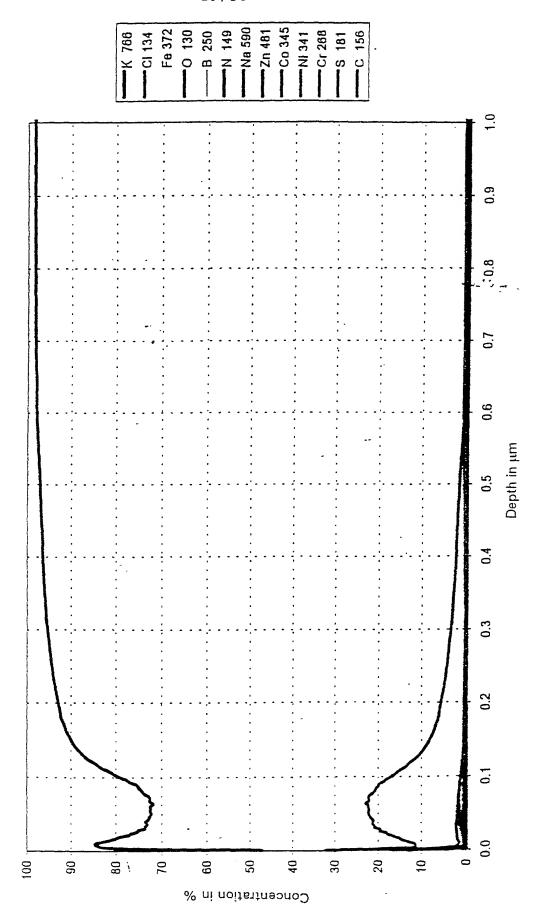


Diagram 1 Full in the first in

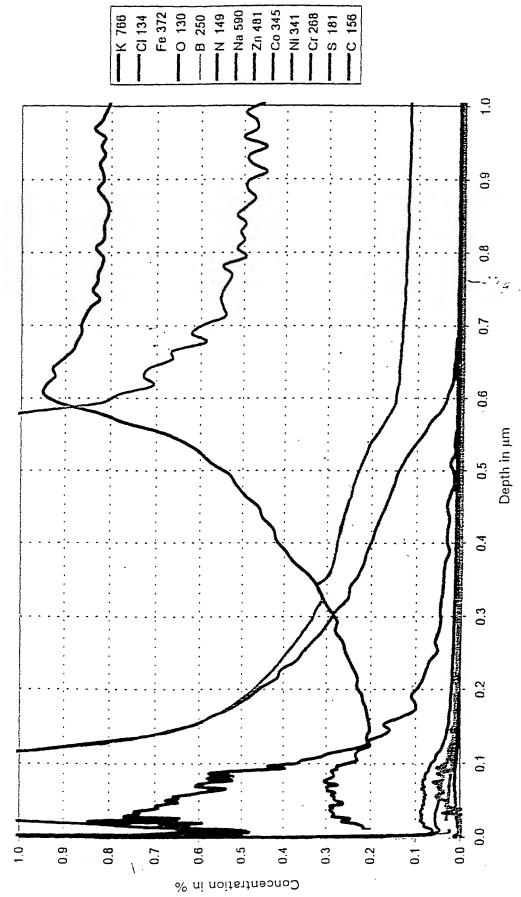
Sample 6, Measurement Position A



20

FIC.

Sample 6, Measurement Position A



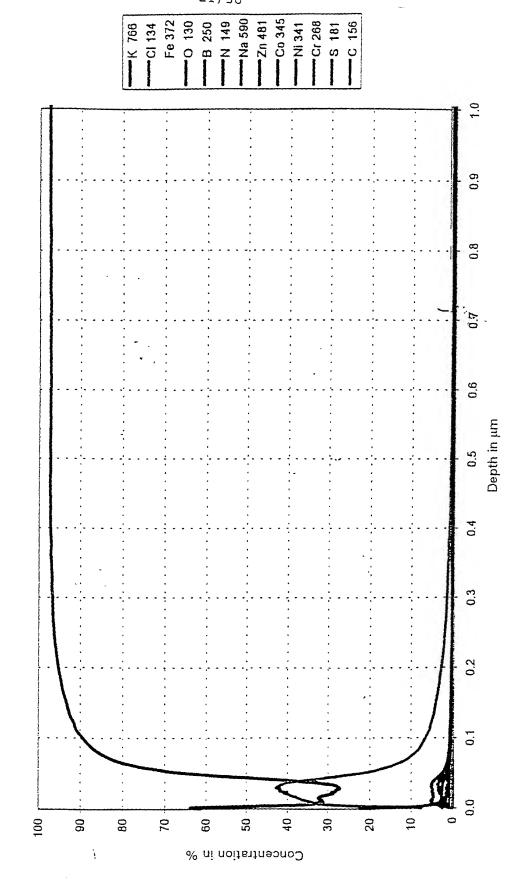
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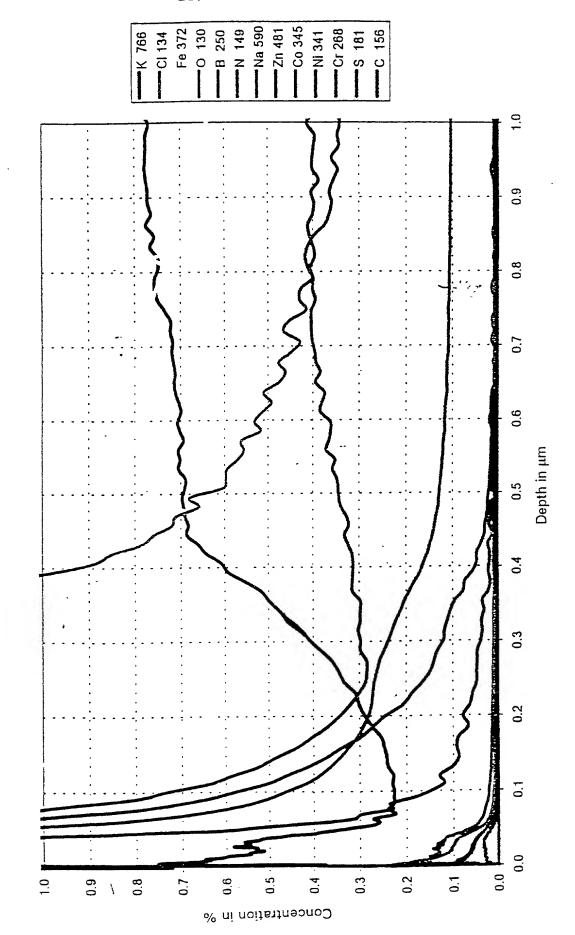
Sample 6, Measurement Position B

2.1

FIG,



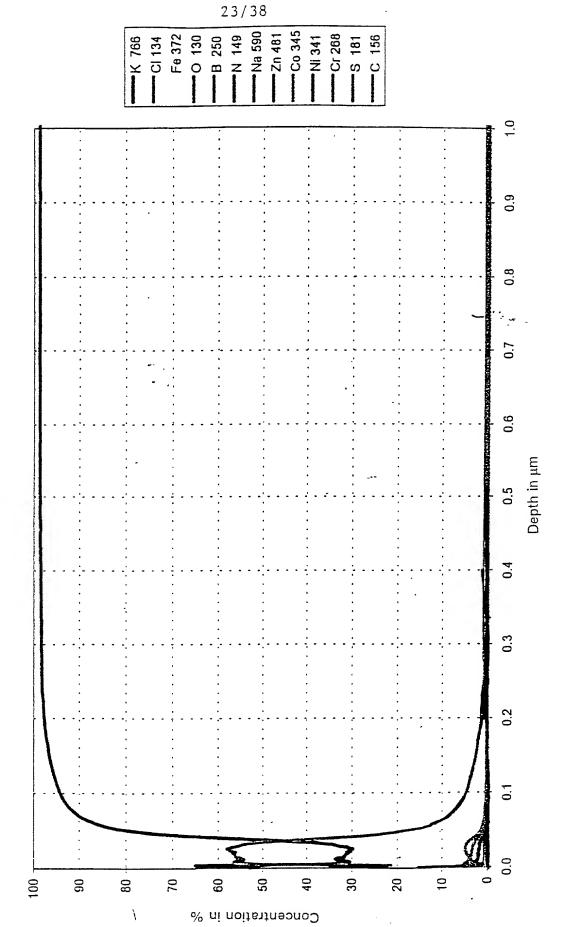
Sample 6, Measurement Position B



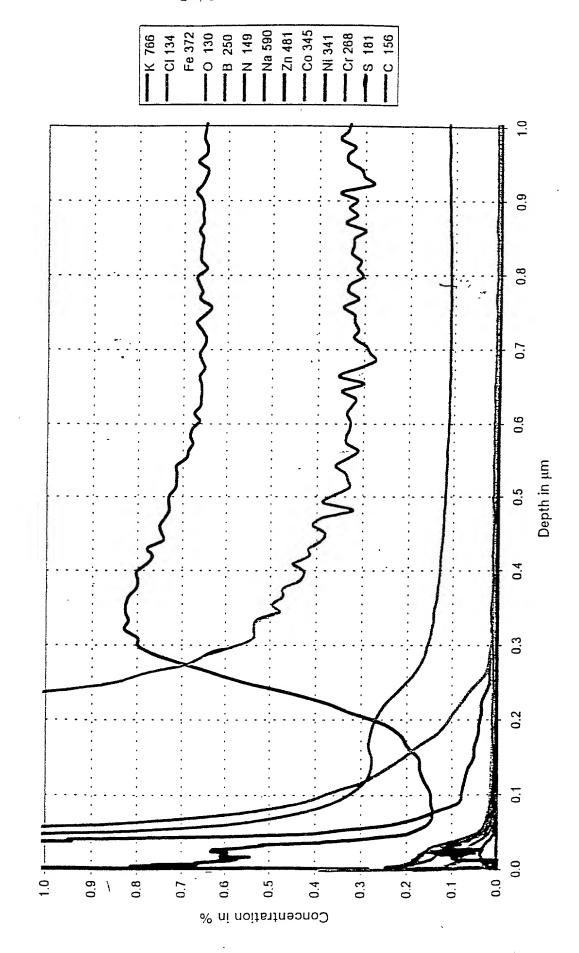
F1G:

22

Sample 6, Measurement Position C



Sample 6, Measurement Position C

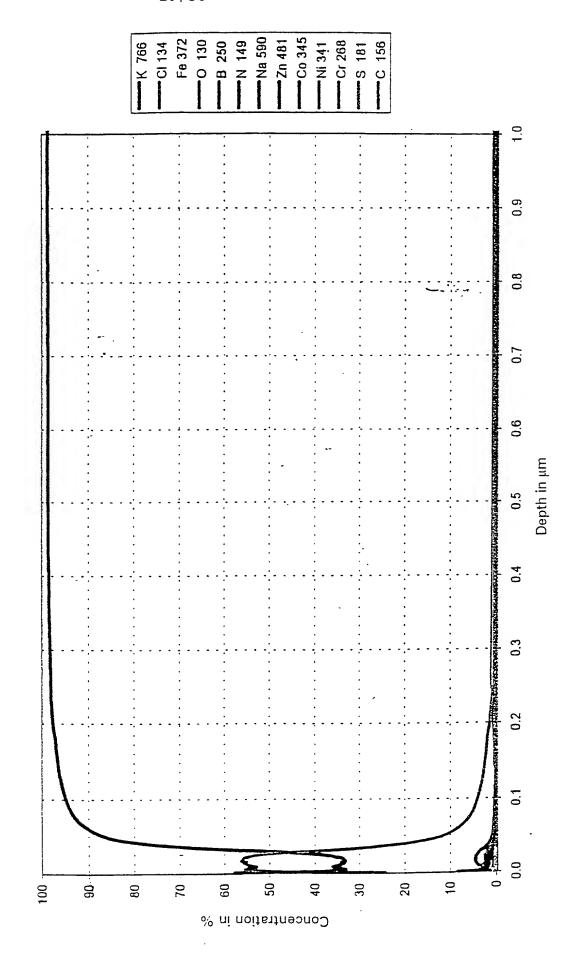


24 F16.

Sample 6, Measurement Position D

25

F16.



and the second second





26

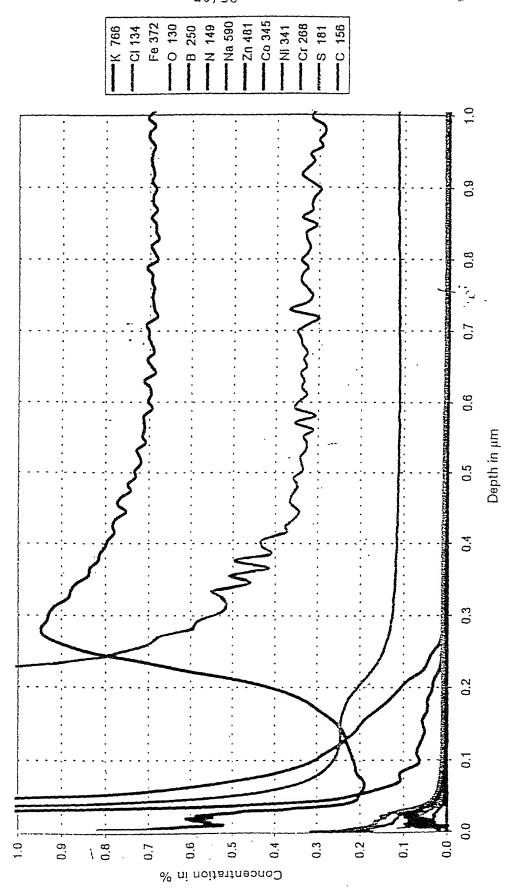
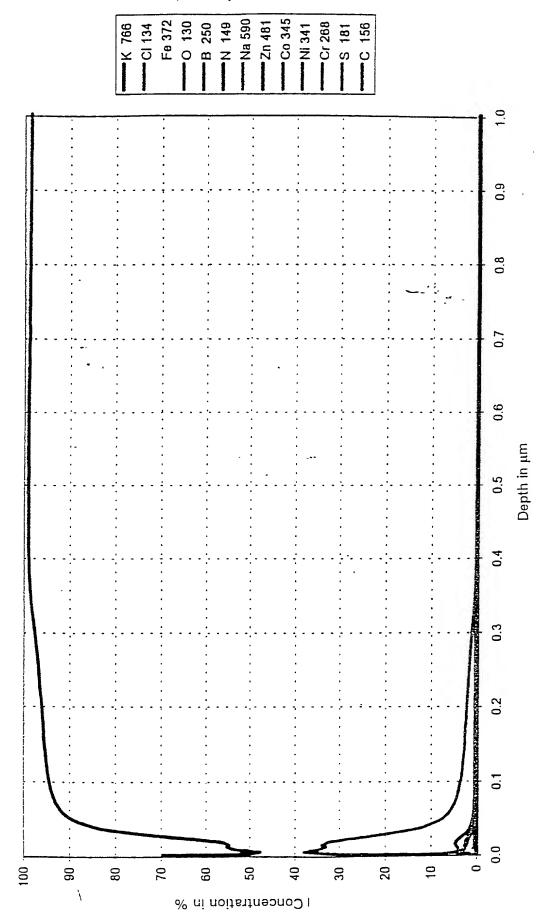
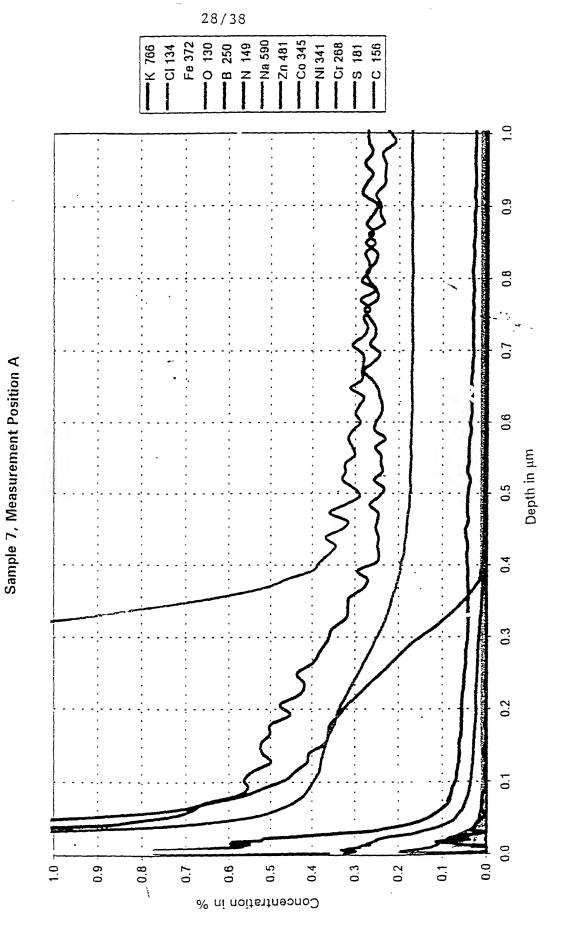


Diagram 1

Sample 7, Measurement Position A

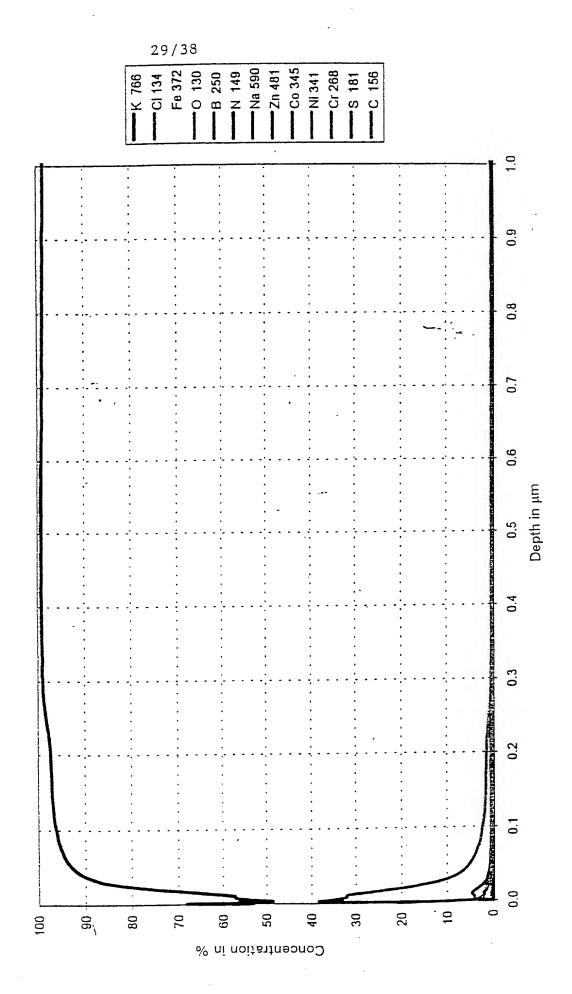




Sample 7, Measurement Position B

29

F. I.C.



LOE LAN ENTROPE

Sample 7, Measurement Position B

30

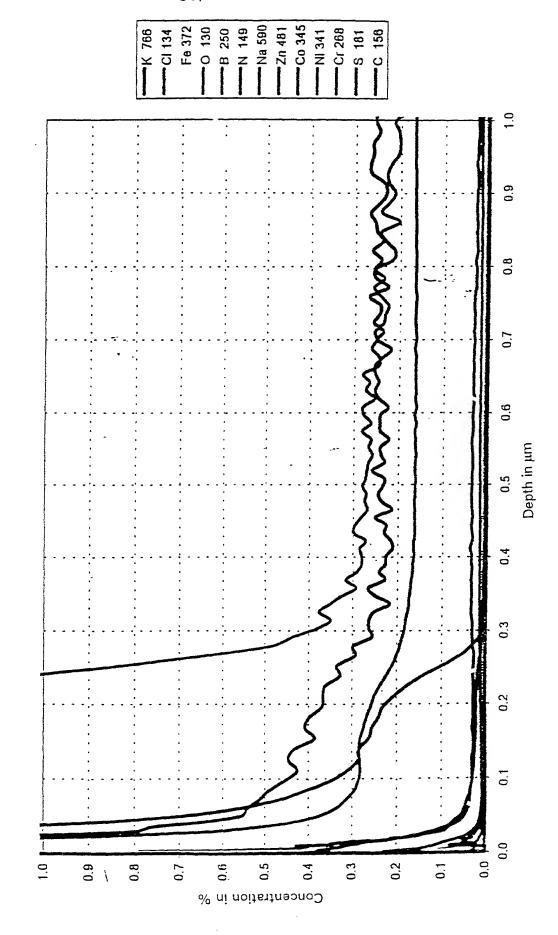
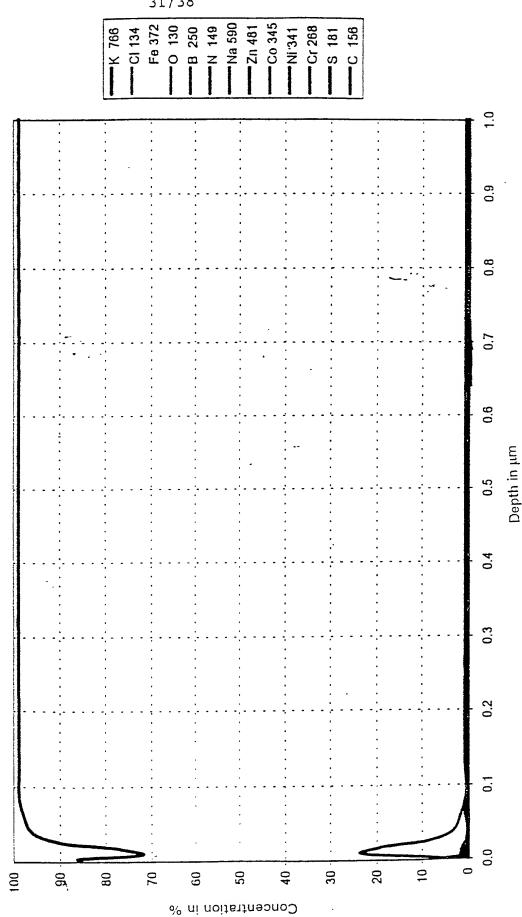


Diagram 1

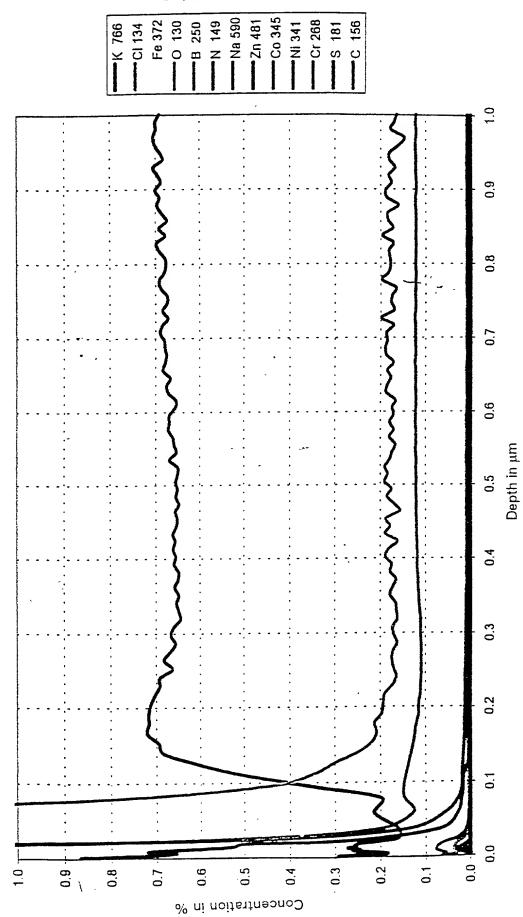
Sample 8, Measurement Position A



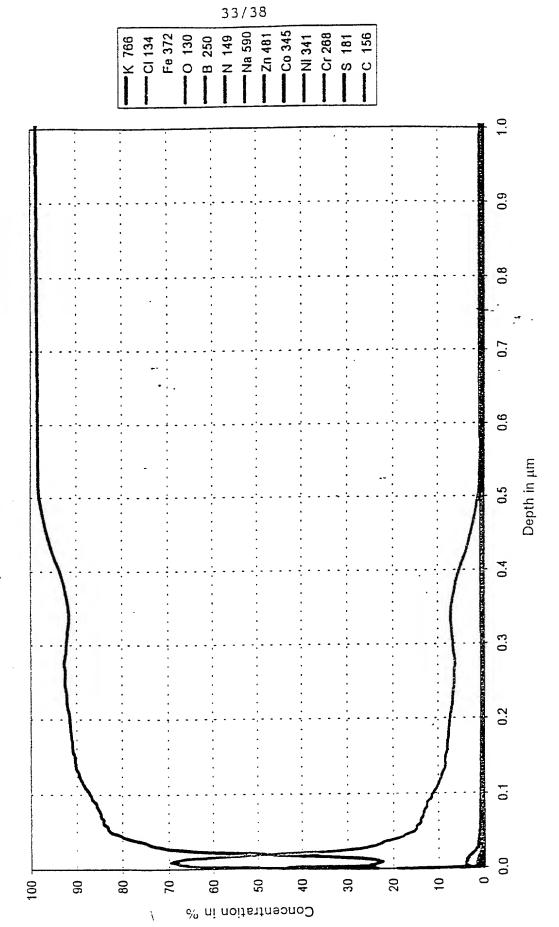
Sample 8, Measurement Position A

32

F1G.



Sample 9, Measurement Position A



Tentral Tentral Diagram 2

Sample 9, Measurement Position A

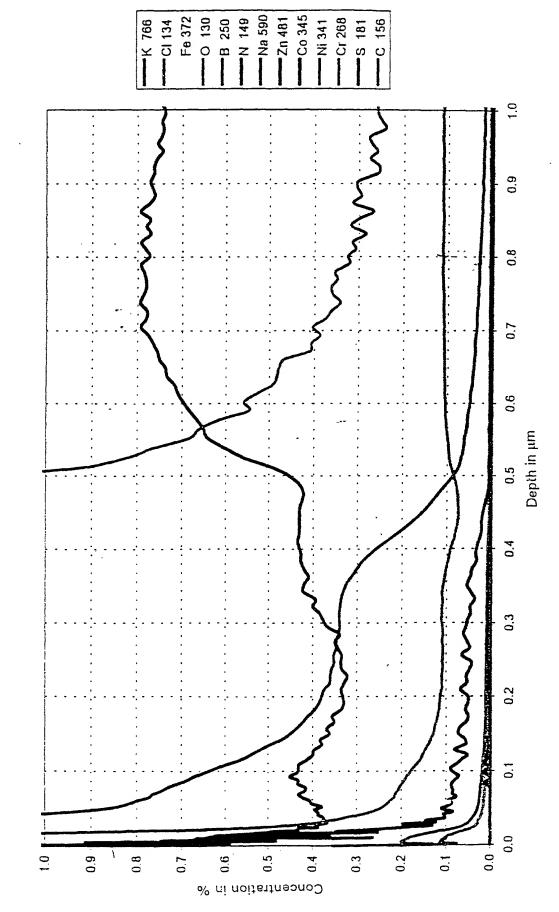
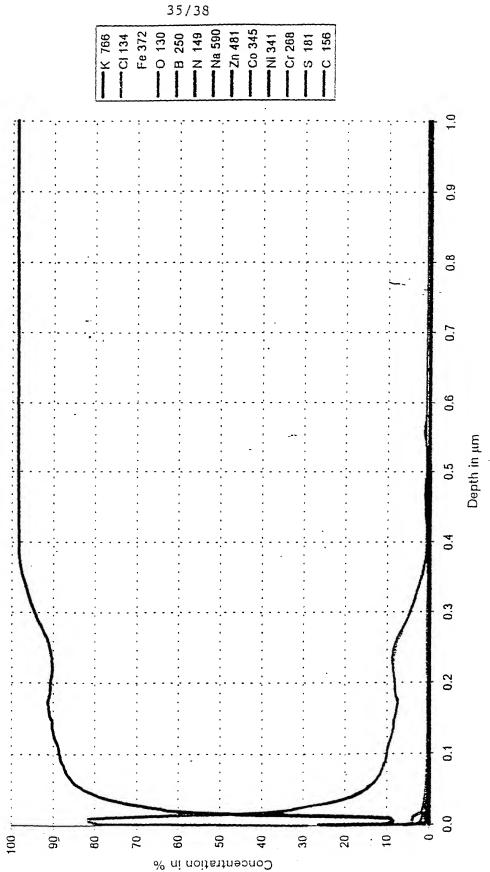


FIG. 35

Sample 9, Measurement Position B



TOTAL

Sample 9, Measurement Position B

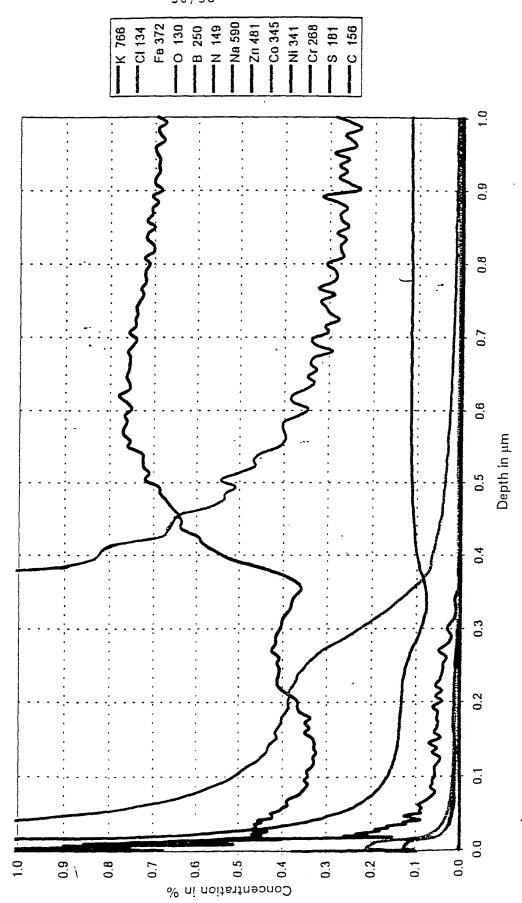
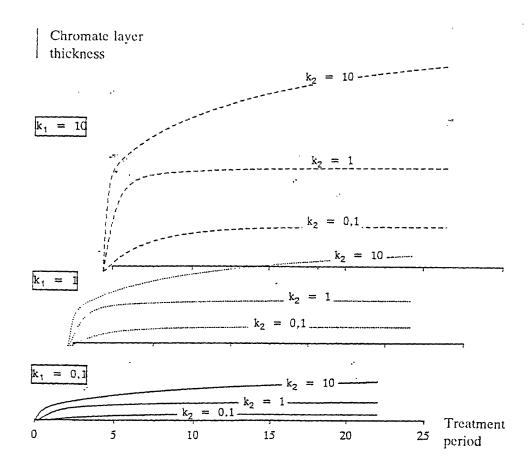


FIG. 37

				A company of the same of the s					2 25
	Methods	SEM	Glow-discharge	spectrometer				() ()	9,4454
	mu	nm	nm (Cr > 1%)	with Cr (%)	chromium index nm (Cr > Zn)	nm (Cr > Zn)	nm (Cr > 30%)	Sample No.	- 41 -
1. Prior Art				and the second s	A STATE OF THE PARTY OF THE PAR				£ N.J.
Yellow chromation Cr(III) + Cr(VI)	1	300	440	-	. 48	17	25	້) ຫ	e de la company de la comp
Blue chromation Cr(III)	86	09	09	∞	ß	0	0	ω	37/3
2. Invention (Chromitation)	nitation)				en e				8
60°C Cr(III)	432	300	344	7	23	2	. 15	1,2,3,4,5	
100°C Cr(III)	595	ı	. 358	10	38	22	. 58	9	
60°C on Zn/Fe	ı	1	282	9	16	0	. 16	7	•
100°C, two-fold concentration	953	1	1	,	ંત ૧	,	\$		· · · · · · · · · · · · · · · · · · ·
Cr(III)									

Fig. 38



Computer simulation of the kinetic model of chromate coating of zinc for various rate constants